

CLAIMS

What is claimed is:

1. A method for generating a charge ID from a call ID in an Internet ONLY service, comprises:

A. configuring the charge ID including 32 printable characters, wherein each of characters is represented with 4 binary bits ;

B. taking the call ID including 16 characters, wherein each of characters is represented with 8 binary bits ;

C. corresponding each call ID character with two charge ID characters, wherein the upper four from eight bits of one of the call ID character corresponds to 4 binary bits of one of the charge ID characters, the lower four corresponds to 4 binary bits of another charge ID character.

2. The method according to Claim 1 wherein said upper four from eight bits of each call ID character corresponding to 4 binary bits of one of the charge ID characters, corresponds to characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, and F respectively; and the lower four from eight bits of the call ID characters bits corresponding to 4 binary bits of another charge ID character, corresponds to characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, and F respectively.

3. The method according to Claim 1, the step C further comprises, corresponding each call ID character to two charge ID characters one by one in the order from the upper four bits to the lower four bits or vice versa.